

What is claimed is:

1. A method of mechanical processing in which mechanical processing is performed while a coolant is sprinkled over a workpiece fastened to a fixing surface,
5 comprising the steps of:

using any agent having melting point equal to or higher than ordinary temperature and selected from the group consisting of calcium nitrate tetrahydrate, polyethylene glycol, and paraffin, as a fastening agent
10 for fastening said workpiece to said fixing surface,

solidifying said fastening agent to thereby fasten said workpiece to said fixing surface; and

using a coolant at ordinary temperature as said coolant without cooling the coolant.

15 2. A method of mechanical processing in which mechanical processing is performed while a coolant is sprinkled over a workpiece fastened to a fixing surface, comprising the steps of:

using any agent having melting point not
20 lower than 0°C and not higher than ordinary temperature and selected from the group consisting of polyethylene glycol and paraffin, as a fastening agent for fastening said workpiece to said fixing surface,

disposing said workpiece and said
25 fastening agent in liquid state on said fixing surface, and using said coolant at temperature not higher than ordinary temperature to solidify said fastening agent to thereby fasten said workpiece to said fixing surface.